

**Panasonic**  
ideas for life



Preliminary

**KX-NCP500**  
**KX-NCP1000**

Network Communication Platform



The All-You-Need Presence Enabled Business Communication System.

## Unified Communications – Wherever You Are

The Panasonic KX-NCP products are network communication platforms providing cost effective unified communications solutions for small to medium businesses.

The NCP platforms combine advanced digital and IP telephony together with integral user productivity applications, providing extensive business communications functionality.

- Big Business Solutions for Small and Medium Business
- Cost Effective Integrated Communication Applications
- Provide feature rich mobility and messaging
- Simplify Converged Solutions
- Single or Multisite business productivity solution



Line-up :  
KX-NCP500 and KX-NCP1000 with KX-NT366 and KX-NT346 IP Telephones

Investment in a unified communication solution requires business foresight. Businesses need to be able to effectively communicate today - yet want to make sure that they are properly equipped to handle the growing demands of their future communication needs. With full IP telephony features, built-in applications server, and a full choice of advanced digital and IP telephones, the KX-NCP platform's provide a unified solution for customers to meet their single or multisite communication needs today as well as in the future.

Connect your business with a solution designed to meet your ever changing needs - with integral business productivity applications, and wireless mobility - all built on a common network platform that helps connect all your users, wherever they may be.

With KX-NCP systems, customers can deploy a stand-alone or networked system connected via an IP or digital network from any location and benefit from lower costs and increased business productivity.

## KX-NCP 500/1000 Features

### Enhance User Productivity

- ▶ IP Phones for local and Remote Workers
- ▶ Desktop & Network Business Application Integration
- ▶ Business Productivity with Wireless Mobility Solution.
- ▶ Built-in Application Server - providing desktop solutions
- ▶ Choice of IP, digital, analogue or wireless DECT terminals
- ▶ Built-in Messaging Solutions

### Enhance Remote User Productivity

- ▶ Network via cost effective SIP solutions
- ▶ Connect remote users to common business applications

## System Capacity

	Type	KX-NCP500	KX-NCP1000
Extension	<b>Total Number of Extensions (DXDP)</b>	<b>64 (68)</b>	<b>104 (108)</b>
	IP-Proprietary Telephone (IP-PT) - MPR	40	64
	SIP Telephone - MPR	32	64
	Single Line Telephone (SLT)	20	36
	Digital Proprietary Telephone (DPT) with DXDP	20 (24)	36 (40)
	<b>Total (DXDP)</b>	<b>24 (28)</b>	<b>40 (44)</b>
Trunk	<b>Total Number of Trunks</b>	<b>72</b>	<b>96</b>
	SIP Trunks - MPR	8	32
	H.323 - MPR	8	32
	PSTN Analogue Trunks	12	16
	ISDN - BRI	12 (6BRI)	16 (8BRI)
	ISDN - PRI30	60 (2PRI)	60 (2PRI)
	<b>Total</b>	<b>64</b>	<b>64</b>
PS	DECT Wireless Handsets	64	64
CS	DECT Cell Stations (DPT I/F)	4	8
	High Density DECT Cell Station	2	4

#### Trunk card rules are as follows.

Total number of trunk cards accommodated in Small Slot/Regular Slot is up to 5.  
However, each PRI30 or E1 card is counted as 2 cards.

#### Extension card rules are as follows.

Total number of extension cards accommodated in Small Slot is up to 1.  
Total number of extension cards accommodated in Regular Slot is up to 2 (NCP1000) / 1 (NCP500).  
DPT can be connected to NCP1000 up to 36 (without DXDP) / 40 (with DXDP).  
SLT+DPT can be connected to NCP1000 up to 44.  
DPT can be connected to NCP500 up to 20+4DXDP.  
SLT+DPT can be connected to NCP500 up to 24+4DXDP.

## Option List

	Model	Description
Main Processing Card	Built-in	IP Convergence Main Processing Card (IPCMR)
IPCMR Option Cards	KX-NCP1104	4-Channel VoIP DSP Card (DSP4)
	KX-TDE0110	16-Channel VoIP DSP Card (DSP16)
	KX-TDE0111	64-Channel VoIP DSP Card (DSP64)
	KX-TDA0196	Remote Card (RMT)
Activation Key	KX-NCS3508	8 IP Proprietary Telephone Activation Key
	KX-NCS3716	16 SIP Telephone Activation Key
	KX-NCS3104	4ch H.323 IP Gateway or 4ch SIP Trunk Activation Key
	KX-NCS3208	8ch IP softphone or 8ch IP Proprietary Telephone Activation Key
	KX-NCS3910	Activation Key for Software Upgrade to Enhanced Version
	KX-NCS2101	Communication Assistant (CA) Basic for 1 user Activation Key
	KX-NCS2105	Communication Assistant (CA) Basic for 5 users Activation Key
	KX-NCS2110	Communication Assistant (CA) Basic for 10 users Activation Key
	KX-NCS2120	Communication Assistant (CA) Basic for 20 users Activation Key
	KX-NCS2201	Communication Assistant (CA) Pro for 1 user Activation Key
	KX-NCS2205	Communication Assistant (CA) Pro for 5 users Activation Key
	KX-NCS2210	Communication Assistant (CA) Pro for 10 users Activation Key
	KX-NCS2220	Communication Assistant (CA) Pro for 20 users Activation Key
KX-NCS2301	Communication Assistant (CA) ACD Monitor for 1 user Activation Key	
Small Slot - Trunk Cards	KX-NCS1180	4-Port Analogue Trunk Card (LCOT4)
	KX-NCP1280	2-Port BRI Card (BRI2)
	KX-NCP1290	PRI Card (PRI 30)
Extension Card	KX-NCP1170	4-Port Digital Hybrid Extension Card (DHLC4)
	KX-NCP1171	8-Port Digital Extension Card (DLC8)
Regular Slot - Extension Cards	KX-NCP1172	16-Port Digital Extension Card (DLC16)
	KX-NCP1173	8-Port Single Line Telephone Extension Card (SLC8)
	KX-NCP1174	16-Port Single Line Telephone Extension Card (SLC16)
Trunk Card	KX-NCP1188	E-1 Trunk Card (E1)
Regular Slot - Option Cards	KX-TDA0190	Optional 3-Slot Base Card (OPB3)
	KX-TDA0161	4-Port Doorphone Card (DPH4)
	KX-TDA0162G	2-Port Doorphone Card (German Type)(DPH2)
	KX-TDA0164	4-Port External Input/Output Card (EIO4)
	KX-TDA0166	16-Channel Echo Canceller Card (ECHO16)
	KX-TDA0191	4-Channel Message Card (MSG4)
	KX-TDA0192	2-Channel Simple Voice Message Card (SVM2)
	KX-TDA0194	4-Channel Simple Voice Message Card (SVM4)
	Cell Stations (CSs)	KX-TDA0141
KX-TDA0158		8-Channel High-Density Cell Station Unit Using a DHLC/DLC Card (DPT I/F) for DECT Potable Station
Other	KX-T7765	Doorphone

#### Compatible Panasonic Proprietary Telephones

The PBX supports the following telephones:  
 • IP Proprietary Telephones (e.g. KX-NT300 series)  
 • IP softphones (e.g. KX-NCS8100, NCS8101)  
 • Digital Proprietary Telephones (e.g., KX-T7600 series)  
 • Analogue Proprietary Telephones (e.g. KX-T7700 series)  
 • Portable Stations (e.g. KX-TCA355, KX-TCA256, KX-TCA155)  
 • DSS consoles (e.g. KX-T7640)